



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

November 15, 2016

Mr. Glenn Fraley
Sewer Department Superintendent
City of Dayton
P.O. Box 226
Dayton, TN 37321

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
RECEIPT # 7196 9008 9111 3807 5559

Re: Pass Through Limits
Dayton Pretreatment Program
NPDES Permit No. TN0020478
Rhea County

Dear Mr. Fraley:

Attached, please find a copy of the revised Pass-through Limits (PTLs) for the Dayton wastewater treatment plant. These limits were calculated based on current stream background and flow information, and incorporate the Water Quality Criteria approved in December 2013. The enclosed limits will supersede any limits previously issued, and will take effect when the NPDES permit becomes effective.

Dayton should use these limits in a technical evaluation of its protection criteria and local limits according to Section 3.2 of the new NPDES permit. Furthermore, Section 3.2 has a requirement for completion of the Industrial Waste Survey. If you have any questions or concerns, please contact Laurel Rognstad at Laurel.Rognstad@tn.gov or (615) 532-8786.

Sincerely,

Yatasha Moore
State Pretreatment Coordinator
Compliance and Enforcement Unit

cc: Ms. Jessica Rader – Division of Water Resources, Chattanooga EFO

PASS THROUGH LIMITATIONS

Dayton STP	11/4/16	Rhea County
Design Flow: 2.67 MGD	TN0020478	1Q10: 2332 MGD

Parameter	Concentration (µg/l)
Copper	80.00
Chromium, III	Report only
Chromium, VI	Report only
Chromium, Total	60.00
Nickel	180.00
Cadmium	5.00
Lead	45.00
Mercury	0.40
Silver	5.00
Zinc	200.00
Cyanide ¹	230.00
Toluene ¹	15.00
Benzene ¹	3.00
1,1,1 Trichloroethane ¹	30.00
Ethylbenzene ¹	4.00
Carbon Tetrachloride ¹	15.00
Chloroform ¹	85.00
Tetrachloroethylene ¹	25.00
Trichloroethylene ¹	10.00
1,2 trans Dichloroethylene ¹	1.50
Methylene Chloride ¹	50.00
Phenols, Total ¹	50.00
Naphthalene	1.00
Phthalates, Total ²	64.50

¹ Grab sample type required. All other parameters are 24-hour composite sample type. References include T.C.A. 0400-40-14-.12(7)(c), 40 CFR 136, EPA Form 3510-2C (8/90 version) and TDEC Lab Sheet (volatile organics).

² Total Phthalates is the sum of Bis (2-ethylhexyl) phthalate, Butyl benzylphthalate, Di-n-butylphthalate and Diethyl phthalate.

Note: These limits are monthly averages.